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United States Patent [19]

Gibbon et al.

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[54] **METHOD FOR AUTOMATICALLY PROVIDING A COMPRESSED RENDITION OF A VIDEO PROGRAM IN A FORMAT SUITABLE FOR ELECTRONIC SEARCHING AND RETRIEVAL**

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[*] **Notice:** This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

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[51] **Int. Cl.⁷** G06F 17/00

[52] **U.S. Cl.** 707/501

[58] **Field of Search** 395/433-435, 395/326; 707/3, 10, 104, 500, 501, 513

[56] **References Cited**
PUBLICATIONS

Wactlar et al. "Intelligent Access to Digital Video: Informedia Project" pp. 1-13, May 1996.

Aronson "HTML 3 Manual of Style" pp. 1-9, 51-64, 91-109, 1995.

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[57] **ABSTRACT**

A compressed rendition of a video program is provided in a format suitable for electronic searching and retrieval. An electronic pictorial transcript representation of the video program is initially received. The video program has a video component and a second information-bearing media component associated therewith. The pictorial transcript representation includes a representative frame from each segment of the video component of the video program and a portion of the second media component associated with the segment. The electronic pictorial transcript is transformed into a hypertext format to form a hypertext pictorial transcript. The hypertext pictorial transcript is subsequently recorded in an electronic medium.

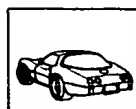
28 Claims, 4 Drawing Sheets



Dr. HERBERT LEPOR (New York University): Its effectiveness does not equal that of surgery. There are still risks. And the long-term response is still—has still yet to be defined. HAGER: Still, the US Food and Drug Administration put approval of the procedure on a fast track and believes microwaving is a reasonable alternative to surgery or drugs.



Robert Hager, NBC News, Washington, Anchor: And after another long weekend of charge and counter charge on the escalating prices of gasoline in this country, President Clinton went back on the offensive today. As NBC's Brian Williams tells us tonight, Senator Dole's plan to cut the last gas tax is now getting White House attention. BRIAN WILLIAMS reporting: Knowing full well that the way to a driver's heart is through the pump, Bob Dole on the Senate floor today sounded like a man determined to bring down the Clinton gas tax. Senator BOB DOLE (Republican, Majority Leader): Four point three cents may not seem like a lot per gallon, but it adds up to about .8 billion a year, and it doesn't go into any fund to build highways.



It goes into what we call deficit reduction. WILLIAMS: To the average driver, doing away with the 4.3 cent per gallon tax on gas would mean saving of about 7 a year.



There are differing opinions on how the government could make up for that lost revenue.



When House Leader Dick Armey suggested on "Meet The Press" that the money could come out of the education funding, that didn't go over very well.

Mr. MICHAEL MCCURRY (White House Press Secretary): The president would like both Senator Dole and Speaker Gingrich to make clear, right away whether or not that is their intent. WILLIAMS: seeing a loss coming on the gas tax, Democrats are intent on passing an increase in the minimum wage.



They'd like very much to tie it to the cut in the gas tax, offering that as a way everyone could win.



Senator TOM DASCHLE (democrat, Minority Leader): Let's try to marry it with something that really would have resonance a 45 cent increase in the minimum wage this year and another 45 cent increase next year.



That will really help the American people. WILLIAMS: The Republicans are banking on a very simple question here, and that is, what right-minded American driver is going to say no to cheaper gas between now and Memorial Day weekend? There's a larger question, of course, and that is, what right-minded American President is going to veto such a thing?



That's what they're grappling with here at the White House, trying to make sure the savings gets passed on at the pump. Tom: BROKAW: